# YELLOWSTONE Today



Spring 2007

## Official Newspaper of Yellowstone National Park

National Park Service U.S. Department of the Interior

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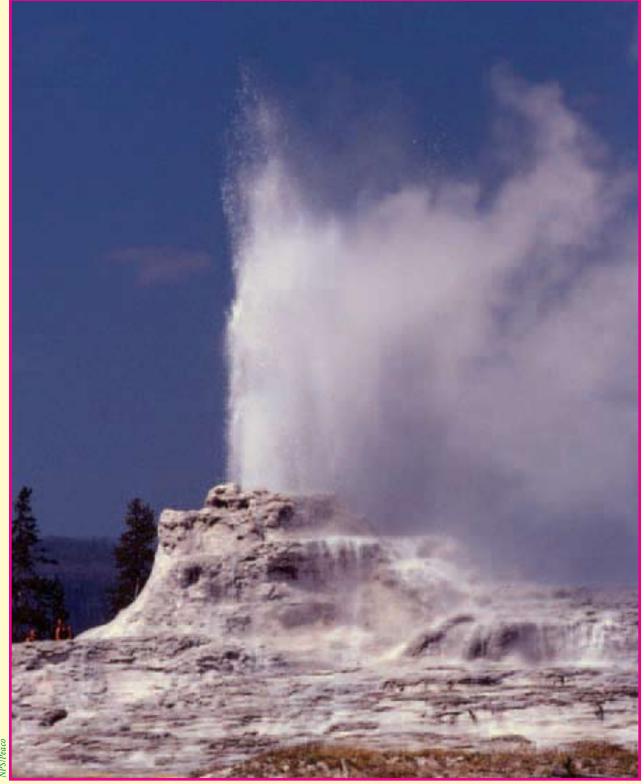
# Mission of the National Park Service

The National Park Service preserves unimpaired the natural and cultural resources and values of the national park system for the enjoyment, education, and inspiration of this and future generations. The National Park Service cooperates with partners to extend the benefits of natural and cultural resource conservation and outdoor recreation throughout this country and the world.

# Yellowstone National Park's Mission

Preserved within Yellowstone National Park are Old Faithful and the majority of the world's geysers and hot springs. An outstanding mountain wildland with clean water and air, Yellowstone is home of the grizzly bear and wolf and free-ranging herds of bison and elk. Centuries-old sites and historic buildings that reflect the unique heritage of America's first national park are also protected. Yellowstone National Park serves as a model and inspiration for national parks throughout the world.





Castle Geyser, in the Upper Geyser Basin, erupts from a cone that is thousands of years old.

## Welcome to the World's First National Park

Yellowstone National Park was established in 1872 to protect the unique geysers and other hydrothermal features. Visitors like yourself come to enjoy these unique features and to view the abundant wildlife. The park is the core of the Greater Yellowstone Ecosystem—one of the largest intact temperate zone ecosystems remaining on the planet. It's home to the spectacular Grand Canyon of the Yellowstone River and Yellowstone Lake, the largest high elevation lake in North America.

Protect yourself in Yellowstone by:

- \* staying on all boardwalks and trails in hydrothermal areas
- \* keeping children within reach in these areas
- \* staying at least 25 yards away from all animals except . . .
- \* staying at least 100 yards away from BEARS.

For more safety tips, see page 2.



## **SPEED KILLS**

more than 100 deer, moose, bears, elk, bison, & wolves each year

**SLOW DOWN** 

## and save a life

- Help Protect Wildlife Near Roads
  ◆ Always expect animals to be on or near the road.
- Follow the speed limit (maximum 45 mph unless otherwise posted).
- Increase caution at night and during wet or wintry conditions.



## SCALDING WATER

**Beautiful but deadly:** Yellowstone's hydrothermal features can kill you. Their waters are frequently near or above boiling. Their crust is thin, breaks easily, and often overlies scalding water.

- Stay on boardwalks and designated trails. They protect you and delicate formations.
- ◆ Keep your children close to you at all times; make sure they understand the danger.
- ◆ Pets are prohibited in hydrothermal areas.
- Swimming or bathing is prohibited in hydrothermal pools or streams where water flows entirely from a hydrothermal spring or pool.
- ◆ Where swimming is allowed, swim at your own risk. Yellowstone's natural waters tend to be very hot or very cold, and immersion in extreme temperature water can be fatal. Thermal water can also harbor organisms that cause a fatal meningitis infection or Legionnaires' disease. Exposing your head to thermal water by immersion, splashing, touching your face, or inhaling steam increases your risk of burns and infection.

## TOXIC GASES

**Toxic gases exist in Yellowstone.** Dangerous levels of hydrogen sulfide, carbon dioxide, and carbon monoxide have been measured in some hydrothermal areas. *If you feel sick*, *leave the location immediately*.

## **CAUTION: Wildlife Jams**

Wild animals are dangerous. To protect yourself and wildlife, follow these guidelines when viewing or photographing roadside wildlife, whether you are alone or in a wildlife jam:

- Park in established turnouts and make sure your car is completely off the paved roadway.
- ◆ Make sure you put your vehicle into park, and engage your parking brake.
- ◆ If you exit your vehicle, stay near your vehicle so you can get inside if the bear or other wildlife approaches.
- ◆ Avoid being struck by a moving vehicle—do not stand in the road to view or photograph wildlife.
- ◆ Never surround, crowd, approach, or follow wildlife.
- ◆ Don't block an animal's line of travel.
- ◆ Do not run or make sudden movements—this may cause predators to attack.
- ◆ If other people in the area are putting you in danger, leave the scene and/or notify a park ranger.
- ◆ Do not ever feed wildlife, including birds.

## **Watch Wildlife Safely**

Please remember that Yellowstone is not a zoo and the animals are not tame. Do not approach any wildlife. View them from the safety of your vehicle. If an animal reacts to your presence, you are too close.

Keep your distance and stay safe—and you will see more of an animal's natural behavior and activity.

Each year park visitors are injured by wildlife when they approach animals too closely. You must stay at least 100 yards (91 m) away from bears and at least 25 yards (23 m) away from all other animals—including bison, elk, bighorn sheep, deer, moose, wolves, and coyotes.

BISON are unpredictable and dangerous; they weigh up to 2,000 pounds (900 kg) and sprint 30 miles per hour (48 km/h). Visitors are injured every year.

**COYOTES & WOLVES** quickly learn habits like roadside feeding. This may lead to aggressive behavior toward humans and can increase the risk of the animal being hit by a vehicle or destroyed by management. *Do not feed any wildlife*.

**BEARS** live throughout the park. Be alert for tracks, do not approach carcasses, and avoid surprising bears in any location or situation.

Page 7, "Bear Country Tips," provides information on precautions and bear encounters.

If you are injured by a bear (regardless of how minor), or if you observe a bear or bear tracks, report it to a park ranger as soon as possible. Someone's safety may depend on it.

## Other Rules and Safety Information

**Fishing & Boating** Fishing, boating, and float tubes require permits. Regulations and seasonal restrictions apply to fishing; location restrictions apply to boating and float tubes. See page 6 for park fishing regulations.

**Backcountry Permits** Permits are required for overnight backcountry use. See page 7.

**Bicycling** Bicycling is permitted on established public roads, parking areas, and designated routes; it is not allowed on backcountry trails and boardwalks. For details, ask for the bicycling brochure at a visitor center. Even for short trips, wear safety gear, including helmet and high visibility clothing. Bicycle cautiously: Roads are narrow and winding with few shoulders. Motorists often do not see bicyclists or give them enough space on the road; some pass on hill crests and blind curves. Motor homes or vehicles towing trailers may have wide mirrors. Long distances exist between services and facilities. Elevations range from 5,300 to 8,860 feet (1,615–2,700 m).

**Falling Trees** Avoid areas with dead trees (snags). They may suddenly fall, especially on windy days.

**High Altitude** Most of the park is above 7,500 feet (2,275 m). Allow time to acclimate; be aware of your physical limitations; don't overexert. Drink plenty of water to forestall dehydration from altitude and dry climate. Stop and rest often

**Lost & Found** Call 307-344-5387 to report or retrieve items lost in lodging facilities; call 307-344-2109 to report or retrieve items lost in other parts of the park.

**Pets** Pets must be leashed. They are prohibited on all trails, in the backcountry, and in hydrothermal basins. Pets are not allowed more than 100 feet (30 m) from a road or parking area. Leaving a pet unattended and/or tied to an object is prohibited.

**Picnic Areas** Locations are on the Official Map and Guide; those with fire grates are listed in a free handout available at visitor centers. Liquid or gas fuel stoves or self-contained charcoal grills may be used for cooking at all locations. Most picnic areas have vault toilets; only Madison has drinking water. Overnight camping is not allowed in picnic areas.

**Seat Belts** Each vehicle occupant must have a safety belt or child restraint system fastened when the vehicle is in motion.

**Stream Crossings** Check at local ranger stations for current stream conditions.

Swimming See "Danger! Scalding Water" at left.

**Theft** Lock your vehicle; keep all valuables hidden; label all valuable property with your name, address, or identification number; report theft or vandalism to a ranger.

**Traffic** Most park roads are narrow, rough, and busy; some steep sections have sharp drop-offs. Ice and road damage occur year-round. Drive cautiously and courteously; you must use pullouts to observe wildlife or scenery and to allow other vehicles to pass. Watch for animals on the road, especially at night.

**Weapons** No firearms or weapons, including statepermitted concealed weapons, are allowed in Yellowstone. Unloaded firearms may be transported in a vehicle when the weapon is cased, broken down or rendered inoperable, and stored in a manner that prevents ready use. Ammunition must be placed in a separate compartment of the vehicle.

**Weather** Yellowstone's weather is unpredictable. A sunny warm day may become stormy and sometimes snowy. Lightning is common; get off water or beaches and away from ridges, exposed places, and isolated trees.

## **These Actions Are Illegal**

- speeding (radar enforced)
- driving while intoxicated (open container law enforced)
- leaving detachable side mirrors attached when not pulling trailers
- traveling off-road by vehicle, snowmobile, or bicycle
- improperly storing food

- violating camping regulations & rules
- having pets off leash or on trails and boardwalks
- littering
- swimming in hydrothermal pools
- diving or jumping off cliffs in Firehole swim area
- traveling off boardwalks or designated trails in hydrothermal areas
- removing or possessing natural (antlers, etc.) or cultural (artifacts) features
- violating fishing regulations
- feeding or approaching wildlife
- spotlighting (viewing with artificial light) elk, deer, or other animals
- calling in elk by imitating their calls or using buglers
- imitating wolf howls
- using electronic equipment capable of tracking wildlife

# Know These Numbers 100 45

= the number of = the number of YARDS you must stay away from all wild- away fulfie—except...

= the number of = the speed laway from a bear unle

= the maximum speed limit in the park unless otherwise posted = the number to call in an emergency

# Albright Visitor Center, Mammoth

Open daily, year-round. Through May 25: 9 AM-5 PM May 26 & thereafter: 8 AM-7 PM

Information, bookstore, and exhibits on wildlife and history. Films on Yellowstone and the national park idea. Call 307-344-2263.

#### **Canyon Visitor Education Center**

Open daily beginning May 26: 8 AM-7 PM *New!* Exhibits on Yellowstone's supervolcano. Information and bookstore. Call 307-242-2550.

#### **Fishing Bridge Visitor Center**

Open daily beginning May 26: 8 AM–7 PM Information, bookstore, and exhibits on the park's birds, other wildlife, and lake geology. Call 307-242-2450.

## **Grant Visitor Center**

Open daily beginning May 26: 8 AM–7 PM Information, bookstore, exhibits, video on the role of fire in Yellowstone. Call 307-242-2650.

# Self-Guiding Trails

Canyon Area View the colorful Grand Canyon of the Yellowstone River and the Upper and Lower Falls from overlooks. Construction on North & South Rim Drives may begin in May; check locally for which viewpoints are available.

**Fort Yellowstone** Enjoy a walking tour of this historic site at Mammoth Hot Springs. Most buildings were constructed while the U.S. Army managed the park (1886–1918). They are now Yellowstone National Park headquarters.

**Fountain Paint Pot** View examples of the four types of hydrothermal features: geysers, hot springs, fumaroles, and mudpots. Eight miles (12.9 km) north of Old Faithful.

**Mammoth Hot Springs** Hot spring activity sculpts ever-changing travertine terraces. Walk through active and inactive areas and enjoy a scenic drive through the Upper Terraces.

**Mud Volcano Area** Discover turbulent and explosive mudpots, including Mud Volcano and Dragon's Mouth. View—and smell—Sulphur Caldron. Located on the road between Lake and Canyon, 6 miles (9.6 km) north of Fishing Bridge Junction.

**Norris Geyser Basin** Explore the hottest, most dynamic geyser basin in the park, which includes Steamboat, the world's tallest geyser, and Echinus, the world's largest acidic geyser.

**Old Faithful** The world's largest concentration of geysers is located in the Upper Geyser Basin. View Old Faithful then walk trails past hundreds of geysers and hot springs.

West Thumb Geyser Basin The boiling springs in this basin, including the famous Fishing Cone, discharge their waters into chilly Yellowstone Lake. The Absaroka Mountains provide a backdrop to this trail.

## Forces of the Northern Range

Volcanoes, glaciers, and fire shaped the landscape here, 8 miles (12.9 km) east of Mammoth Hot Springs. Exhibits reveal the secrets of the scenery and help identify the area's plants and animals.

# ? Visitor Centers

## Junior Ranger Station (at Madison Information Station) Open daily beginning June 2: 9 AM-5 PM

## **Madison Information Station**

Open daily beginning June 2: 9 AM-5 PM Information and bookstore. Call 307-344-2821.

## Museum of the National Park Ranger, Norris

Open daily beginning May 26: 9 AM–5 PM Exhibits at historic soldier station trace development of the park ranger profession; video shown. Chat with former National Park Service employees volunteering here.

## Norris Geyser Basin Museum & Information Station

Open daily beginning May 26: 9 AM–5 PM Information, bookstore, and exhibits on the hydrothermal features of Yellowstone. Call 307-344-2812.

#### **Old Faithful Visitor Center**

The visitor center is in temporary quarters near the Old Faithful Lodge. Please look for signs or ask for directions upon arrival in the area.

Open daily beginning April 20. April 20–May 25: 9 AM–5 PM May 26 & thereafter: 8 AM–7 PM; information window until 8 PM

Information, bookstore, and geyser eruption predictions. Award-winning film about hydrothermal features. Call 307-545-2750.

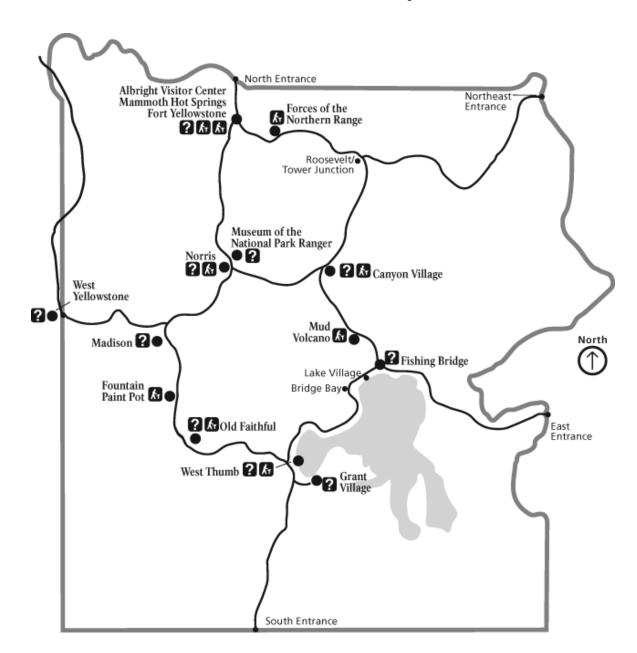
#### **West Thumb Information Station**

Open daily beginning May 26: 9 AM-5 PM Information and bookstore.

#### West Yellowstone Visitor Information Center

NPS rangers available beginning April 20, 8 AM-4 PM; May 27 & thereafter, 8 AM-8 PM

West Yellowstone Chamber of Commerce staff available year-round, Monday–Friday, 8 AM–5 PM. Information, publications. Call 406-646-4403.



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## **Sign Language Interpreters**

Sign language interpreters for National Park Service interpretive programs are available. Please make arrangements three weeks in advance by calling 307-344-2251.

## For more information:

- consult the Official Map and Guide you received at the entrance station
- consult rangers at the park's visitor centers & information stations
- ask for other free handouts about wildlife and other park topics
- purchase materials available in the educational bookstores
- stay in touch via www.nps.gov/yell

## Wildlife

Spring is a great season to watch wildlife. Ground squirrels and marmots reappear after long months of hibernation. Sandhill cranes return to their nesting sites, warbling as they fly along the rivers.

Bison calves begin to appear in April, miniature orange versions of their mothers. In May, herds of elk begin to thin as females retreat to give birth alone. They hide their new-

borns in sagebrush and grass for several weeks as the youngsters grow strong enough to rejoin the herd.

Look for bears, coyotes, and wolves searching the valleys and river bottoms for these hidden elk calves. Bears might have their cubs nearby, but wolf and coyote pups await food at the den. They won't be frolicking far from home until summer.

## **Geysers & Hot Springs**

In the 50 miles between Mammoth Hot Springs and Old Faithful, you'll see travertine terraces at Mammoth Hot Springs, acidic features at Norris Geyser Basin, mudpots and geysers at Fountain Paint Pot, a giant hot spring at Midway Geyser Basin, plus Biscuit and Black Sand basins near Old Faithful. West Thumb Geyser Basin is 17 miles east of Old Faithful; Mud Volcano is north of Yellowstone Lake.

## **Grand Canyon**

The Grand Canyon of the Yellowstone River extends from south of Canyon Village north to Tower Junction. The most famous and spectacular section, including the Upper and Lower Falls, is seen from overlooks along the North



and South Rim roads near the Canyon Village area. In spring, the northernmost section, which includes Tower Fall, can be reached after mid-May. The road south over Dunraven Pass opens in late May.

#### Lake Area

Yellowstone Lake is the largest high elevation lake (above 7,000 feet) in North America. It has 141 miles of shoreline and is more than 400 feet deep. With the Absaroka Mountains as a stunning backdrop, this area offers boating, fishing, hiking, wildlife viewing, and hydrothermal features. (Fishing and boating require permits; see page 6.) You can visit several historic buildings, view hydrothermal activity, and see the Yellowstone River flow from the lake on its long journey. Four developed visitor areas lie along the lake's shores: Fishing Bridge, Bridge Bay, Lake Village, and Grant Village.

#### **History**

You can visit historic sites such as Fishing Bridge Museum, Norris Geyser Basin Museum, Obsidian Cliff, Old Faithful Inn and Historic District, Roosevelt Lodge Historic District, and Fort Yellowstone at Mammoth Hot Springs (you can take a self-guiding tour around the fort).

## Only One Day Here?

Tips from Yellowstone's Rangers

- 1. Drive to the Old Faithful area and walk around the geyser basin; drive to the Canyon area—stop at several overlooks and walk along part of the rim.
- 2. Add Hayden Valley to the above route—especially at the beginning or end of the day—to look for some of the park's large animals.
- 3. Visit the Upper Geyser Basin (Old Faithful, Biscuit Basin, Black Sand Basin); drive to Fountain Paint Pot to view mudpots; drive to Canyon and visit the new Canyon Visitor Education Center. End your day at Fishing Bridge Museum on the shore of Yellowstone Lake.
- 4. Visit Old Faithful and one other hydrothermal area, such as Norris, West Thumb, or Mammoth Hot Springs.
- 5. Visit lesser-known features such as Artist Paint Pots south of Norris, Roaring Mountain north of Norris, Terrace Springs near Madison Junction, Firehole Lake Drive in the Lower Geyser Basin, or Natural Bridge near Bridge Bay.

#### Consider one or two moderate day hikes.

Each major area of the park has several hikes suitable for brief excursions into the wilder side of Yellowstone. Consult the "Dayhike Sampler," available for 50¢ at visitor centers.

## Two or More Days?

- Explore one area of the park in depth.
- Explore one type of attraction, such as geology, in depth. For example, visit Mammoth Hot Springs to see travertine formations and view the sedimentary layers of Mount Everts, drive through glaciated terrain to Tower Fall or the Lamar Valley.

Be sure to check trail & road conditions. In spring, trails may be muddy or closed and roads might be snowy or icy. Ask at visitor centers.



# Park Programs Especially for Children!

## Want to Be a Junior Ranger?

Children between the ages of 5 and 12—you are invited to become Junior Rangers! Stop by a park visitor center to find out how you can learn more about Yellowstone. Purchase the official Junior Ranger newspaper for \$3 and complete the program requirements. As Junior Rangers you will be awarded arrowhead-shaped patches—a wolf track patch if you are between the ages of 5 and 7, or a bear track if you are between 8 and 12.



### Electronic Field Trips— Windows Into Wonderland

Attention middle school students and teachers—explore our electronic field trips! Since 2001, Yellowstone has been offering eTrips to share the resources and treasures of the world's first national park. Embark on seventeen exciting adventures and look through new *Windows Into Wonderland*. Your passport to adventure is www. WindowsIntoWonderland.org.

The eTrips explore Yellowstone's history, geology, wildlife, fire ecology, microorganisms, and more. These highly acclaimed, award-winning programs contain animations, video clips, audible dialogue, and interactive challenges, and have been accessed by viewers from all 50 states and over 170 countries. Don't miss out! These programs are free of charge and available at any time to anyone who has access to the internet.

## **Bring Your Class to Yellowstone**

Teachers, how would you like to spend 4 or 5 days and nights in Yellowstone with your 4th–8th grade students? We invite you, your students, and parent chaperones to participate in *Expedition: Yellowstone!*—our long-standing, curriculum-based residential program. Through field investigations, hikes, creative dramatics, journal writing, and group discussions, students learn about the natural and cultural resources of the park and the current issues affecting the Greater Yellowstone Ecosystem.

The park charges a nominal fee to cover faculty salaries and instructional supplies. Financial aid is available for qualifying students through the Yellowstone Park Foundation's *Expedition: Yellowstone!* scholarship fund. For more information, please write: *Expedition: Yellowstone!* Coordinator, P.O. Box 168, Yellowstone National Park, WY 82190. The coordinator will work with you to tailor an itinerary for your students that best meets their educational needs.



Yellowstone National Park, its concessioners, and its partners are leaders in sustainable practices that keep Yellowstone clean and "green."

## **Annual Recycling**

In 2006, Yellowstone National Park and its concessioners recycled:

- 133 tons of newspapers, office paper, and magazines
- 24 tons of aluminum/steel
- 192 tons of glass
- 22 tons of plastic containers
- 463 tons of cardboard
- 8,000 small propane cylinders
- 4,000 used tires
- 60% of the park's solid waste (into compost)

Below: Old Faithful Geyser viewers stand on a plastic boardwalk made from the equivalent of three million plastic milk jugs. Unilever Corporation has donated more than 60,000 square feet of 100% recycled plastic lumber for boardwalks and viewing areas in Yellowstone.



## Renovating the Old Faithful Inn



blend with the historic features. Steel reinforced concrete foundations will strengthen the existing stone foundations. The comprehensive infrastructure upgrade will also include new fire protection systems and upgraded mechanical,

The renovation is expected to be completed in 2008. Before the Inn opens to the public for the season, it is a construction site and significant hazards exist. View the work from a safe distance, and do not enter the construction area.

plumbing, and electrical systems.

The Old Faithful Inn is undergoing a major three-year renovation, which will enable guests and visitors to experience the hotel much as it was 100 years ago. The primary goal is preserving a treasured National Historic Landmark and updating it to meet safety standards and provide more accessibility.

Because the Inn sits in one of the country's most active seismic zones, it will be fitted with new structural steel components providing additional strength and resilience to the structure. They will be encased in wood/log sleeves to

**Building to Yellowstone and the Environment** 

The U.S. Green Building Council (USGBC), a building industry group, developed national standards for environmentally-sound buildings. Called LEED (Leadership in Energy and Environmental Design) Green Building Rating System<sup>®</sup>, these standards are being applied in new Yellowstone

National Park building projects such as the Old Faithful Visitor Education Center (see page 8) and the

# **Clean & Efficient Travel**



Rangers use donated Toyota Prius hybrid cars when responding to traffic jams caused by bears and other wildlife.

Toyota Motor Sales U.S.A. Inc. donated four Prius hybrid vehicles to Yellowstone National Park through the Yellowstone Park Foundation. The Prius hybrid (photo at left) combines a highly efficient gasoline engine with an electric motor that, when braking, captures energy to charge its batteries. The Prius has 90% lower emissions than the average car, better fuel efficiency, and runs quietly when using only the electric motor.

West Entrance Station.

- The National Park Service, Montana Department of Environmental Quality, and the University of Idaho are taking advantage of Yellowstone's extremely cold winters to test alternative fuels in harsh conditions.
- Dodge Truck, Inc. donated a three-quarter ton 4x4 pickup to test 100% biodiesel fuel.

- It averages 17 miles per gallon with less smoke, hydrocarbons, nitrogen oxides, and carbon monoxides emitted in the exhaust.
- All diesel-powered vehicles driven by park employees and many used by concessioners run on a 20% blend of industrial-grade vegetable oil and diesel.
- Yellowstone uses an ethanol blend in all unleaded park vehicles and is the first national park to sell ethanol blended fuel to visitors at public service stations.
- More than 40 employees participate in a Ride-share program, commuting in a parksponsored bus.

## **NEW! America the Beautiful**—the National Parks & Federal Recreation Lands Pass



A new pass program replaces the Golden Eagle, Golden Age, and Golden Access Passports and the National Parks Pass. The "America the Beautiful—the National Parks and Federal Recreational Lands Pass" program provides several pass options for the public to use at federal recreation sites-including national parks and wildlife refuges-where entrance are charged.

You can purchase the new America the Beautiful—National Parks and Federal Recreation Lands Pass at one of Yellowstone's entrance stations or http://store.usgs.gov/pass. The pass is not good for camping or for some other fees such as parking fees at Mount Rushmore.

## **Entrance Fees**

Senior Pass

Access Pass

Private, noncommercial automobile \$25 (7 days, both Yellowstone and Grand Teton)

Individual motorcycle Single entry (foot, bike, ski, etc.)

Yellowstone-Grand Teton Pass

\$20 (7 days, both parks)

\$12 (7 days, both parks)

\$50 (valid one year from month of purchase)

America the Beautiful Pass—the National Parks and Federal Recreational Lands Pass \$80 (valid for one year from month of purchase

for entrance fees to federal fee areas)

\$10—for U.S. citizens or permanent residents of the

U.S. who are 62 or older. Free-for citizens or permanent residents of the U.S. who have been determined to be blind or perma-

All currently valid passes will be accepted until expired, including the National Parks Pass, Golden Eagle Pass, Golden Age Passport, and Golden Access Passport.

nently disabled.

## **Campgrounds**

	Dates	Fees	Sites	Elev (ft)	Features	RV sites	
Bridge Bay*	5/25–9/16	\$17	>425	7,800	A, F, DS, G	call for availability & reservations	
Canyon*	6/8-9/9	\$17	>250	7,900	A, F, S/L, G	call for availability & reservations	
Fishing Bridge RV*	5/18–9/30	\$35	>325	7,800	F, S/L, DS, G	call for availability & reservations	
Grant Village*	6/21-9/23	\$17	>400	7,800	A, F, S/L, DS, G	call for availability & reservations	
Madison*	5/4–10/28	\$17	>250	6,800	A, F, DS, G	call for availability & reservations	
Indian Creek	6/8–9/17	\$12	75	7,300	V	10@ 40; 35 @ 30; pull-through	
Lewis Lake	6/15–11/4	i–11/4 \$12 85		7,800	V	a few @ 40'	
Mammoth	All year	\$14	85	6,200	A, F, G, S	all pull-through	
Norris	5/18-9/24	\$14	>100	7,500	F, G	2 @ 50' (signed); 5 @ 30'	
Pebble Creek	6/8-9/24	\$12	>30	6,900	V	some long pull-throughs	
Slough Creek	5/25–10/31	\$12	29			14 @ 30', walk through first to assess sites beyond #16	
Tower Fall	5/18–9/24	\$12	32	6,600	V	all @ 30' or less; has hairpin curve	
*C:+	A Accesible sites available		ible sites eveileble	C/I Day shawars/laundry nearby			

\*Sites you can reserve; price doesn't include tax.

A Accessible sites available

F Flush toilets

V Vault toilets

S/L Pay showers/laundry nearby

G Generators OK 8 AM-8 PM

DS Dump station

#### First-Come, First-Served

Seven campgrounds are operated by the National Park Service: Indian Creek, Lewis Lake, Mammoth, Norris, Pebble Creek, Slough Creek, and Tower Fall. You cannot reserve these sites.

#### **Reservable Sites**

You can reserve a site at the five campgrounds operated by Xanterra Parks & Resorts, indicated by \* on the chart.

For same-day reservations, call 307-344-7311 or ask at any campground registration desk.

For future reservations, call toll-free 866-Geyserland (866-439-7375), or write Xanterra Parks & Resorts®, P.O. Box 165, YNP, WY 82190; www.TravelYellowstone.com.

Fishing Bridge RV Park is for hard-sided vehicles only (no tents or tent trailers are allowed).

## **Overflow Camping**

No overflow camping exists in Yellowstone National Park. Camping or overnight vehicle parking in pullouts, parking areas, picnic grounds, or any place other than a designated campground are not permitted. Camping is often available in neighboring communities and public lands outside the park (see page 13).

#### **Check-in & Check-out**

Check-in any time, but sites may not be available before 10 AM. Registration desks at reservable campgrounds are staffed 7 AM-10 PM, May 30-August 27; 8 AM-9 PM, early and late season.

Check-out time is 10 AM.

#### **Length of Stay**

Camping is limited to 14 days from July 1 through Labor Day (first Monday in September) and to 30 days the rest of the year; no limit at Fishing Bridge.

#### **Discounts**

Holders of Senior and Access passes (see page 5) receive approximately a 50% discount on camping fees, except at Fishing Bridge, where no discounts apply.

#### **RV** Length

Know your total vehicle length—total of trailer and towing vehicle or total of motorhome and towed vehicle. Use the total length to determine which campground can best accommodate your rig.

## **Group Camping**

Group camping is available at Madison, Grant, and Bridge Bay for organized groups with a designated leader such as youth or educational groups. Fees range from \$51–81 (plus tax) per night, depending on group size. Reservations are required. Call 307-344-7311 or toll-free 866-Geyserland (866-439-7375), or write Xanterra Parks & Resorts®, P.O. Box 165, YNP, WY 82190; or email YNPSA@Xanterra.com.

#### **Ouiet Hours**

Each visitor deserves to hear the natural sounds of this beautiful environment. Respect this by complying with the law: generators prohibited 8 PM-8 AM; quiet hours, 10 PM-6 AM. No loud audio devices, or other noise disturbances will be allowed during this time. Generators are only permitted in seven campgrounds (see chart).

#### **WARNING: Food & Odors Attract Bears**

The future of bears, your safety, and the safety of others depend on you. The following items—new, clean, dirty, empty, or full—may not be left outside, in tents, or in tent trailers at any time, day or night, unless in immediate use:

water & beverage containers • cooking, eating, drinking utensils • stoves & grills • coolers & ice chests • trash • food • cosmetics & toiletries • pet food & bowls • pails, buckets, & wash basins

## **Attention Anglers!**

New fishing regulations—including barbless hooks ONLY.
Read them before you fish. You are responsible for following the rules.

## **Fishing Season**

Yellowstone's fishing season generally begins on the Saturday of Memorial Day weekend and continues through the first Sunday of November. Exceptions include: Yellowstone Lake opens June 15; Yellowstone Lake's tributary streams open July 15; Yellowstone River and its tributaries between Canyon and Yellowstone Lake open July 15. Other exceptions exist. Refer to park fishing regulations or the park website for additional information: www.nps.gov/yell/planvisit/todo/fishing/index.htm

## **Fishing Regulations**

Park fishing regulations are available at ranger stations, visitor centers, or general stores. They changed in 2006; obtain a copy and know the rules.

In Yellowstone, wildlife takes precedence over humans as consumers of fish. All fish are wild (there is no stocking), so sufficient adult fish must remain to reproduce and maintain populations and to assure genetic diversity. These facts require both a philosophical and literal distinction between recreational angling and consuming fish. In Yellowstone, angling is based on fishing for native species of wild trout in a natural setting.

Fishing regulations in Yellowstone National Park have evolved as ongoing research reveals population trends and interrelationships with the rest of the Yellowstone eco-

system. Increasing numbers of anglers have also influenced the development of regulations by their impact on certain species and aquatic habitats.

## **Permits**

**Fishing** All anglers 16 or older must possess a valid Yellowstone National Park fishing permit to fish in the park; state permits are not valid. 3 days—\$15; 7 days—\$20; annual—\$35. Permits are available at ranger stations, visitor centers, and Yellowstone General Stores.

Anglers 15 or younger have two options: fish without a permit under direct supervision of an adult who has a permit or obtain a free permit that must be signed by an adult. The adult must ensure the child complies with all fishing regulations and provisions.

**Boats & Float Tubes** You must have a permit to use boats and float tubes; their use is limited to a few locations. Obtain these permits in person at: South Entrance, Lewis Lake Campground, Grant Village Backcountry Office, Bridge Bay Ranger Station. Non-motorized boating permits only are available at the Canyon, Mammoth, and Old Faithful backcountry offices, Bechler Ranger Station, West Yellowstone Visitor Information Center, and Northeast Entrance. You must have a Coast Guard approved "wearable" personal flotation device for each person on board.



Aquatic Nuisance Species (ANS) are plants and animals that are not native to the park and cause irreversible harm to the naturally-functioning ecosystem that exists here. Already, New Zealand mudsnails, whirling disease, and lake trout have resulted in loss of fisheries and closure of areas that once abounded with trout. You can help prevent the spread of these harmful exotic invaders!

## CLEAN YOUR BOAT CLEAN YOUR GEAR

Do not release plants, fish, or animals into a body of water unless it came out of that body of water. If you witness a violation, please contact a local park ranger, stop by a visitor center, or call 307-344-7381, dial "0."

Many wonders of Yellowstone lay beyond the developed areas and roads, in the backcountry of the park. If you choose to explore this wild wonderland—whether for a few hours or a few weeks—you need to be prepared. Begin by reading the information here, then consult a ranger as you plan your trip.

## **Accessibility**

Wheelchairs and some types of service animals are allowed in the backcountry. Contact the backcountry office for further information before taking them into the backcountry.

## Backcountry Campfires

You are encouraged to use a camp stove in the backcountry. Campfires are permitted only in established fire pits at certain campsites; you will be given this information when you obtain your overnight permit.

## **Day Hiking**

Talk to a ranger at a backcountry office or visitor center before beginning a day hike. They know trail conditions, the weather forecast, and if areas are closed due to bear activity or management activities.

#### **Drinking Water**

Drinking untreated water may lead to intestinal infection. Filter water with a good commercial filter, treat it with a chemical such as iodine or chlorine, or boil it at least one minute. Never drink water from a hot spring.

### **Hypothermia**

Exposure to wind, rain, or cold can cause hypothermia, which can kill you. Early warning signs include shivering, slurred speech, memory lapses, drowsiness, and exhaustion. Put on dry clothes and drink warm fluids at the first signs.

#### **Non-native Plants**

Invasive non-native plants (noxious weeds) threaten the park's ecosystem. Major threats include:

spotted knapweed, oxeye daisy, St. Johnswort, musk thistle, leafy spurge, dalmation toadflax, and dyer's woad. If you see these or other exotic species in the backcountry, notify a ranger.

# Overnight Trips Permits are required.

Obtain a permit at a ranger station not more than 48 hours in advance of the first date of the trip. You will be given full instructions about backcountry regulations and safety. You can also reserve campsites for a \$20 fee. Make reservations at a ranger station or write the Backcountry Office, P.O. Box 168, Yellowstone National Park, WY 82190.

## Pack It In—& Out

You must carry all refuse out of the backcountry,

including items partly burned in fire pits (foil, tin, glass, etc.).

## **Sanitation**

Bury human waste 6 to 8 inches (15–20 cm) below ground and a minimum of 100 feet (30 m) from water. Dispose of waste water at least 100 feet (30 m) from water or campsites. Do not wash yourself, clothing, or dishes in lakes, ponds, rivers, or streams

#### **Stock Use**

Not all trails are open to stock. Inquire at backcountry offices and ranger stations.

**IMPORTANT:** All stock users in Yellowstone must possess proof of a negative Coggins test performed within the last 12 months for each animal.



## If You Carry Bear Pepper Spray:

- Use bear pepper spray. Personal self-defense pepper spray is not effective.
- The canister must be immediately available, not in your pack.
- ◆ It is effective only at distances of 10–30 feet and can be adversely affected by wind, cold temperatures, and age.
- Follow the manufacturer's instructions, know how to use the spray, and be aware of its limitations, including the expiration date.
- ◆ If you use the spray to stop a bear, leave the area immediately. The spray is effective for a short time and is less effective the second time.
- It is not a repellent. Don't spray it on people, tents, or backpacks.
- Carrying bear pepper spray is not a substitute for vigilance and exercising safety precautions.

## **Bear Country Tips**

## A Fed Bear Is a Dead Bear

Do not leave packs containing food unattended, even for a few minutes. If a bear obtains human food even once, it often becomes aggressive about obtaining such food, and may have to be destroyed or removed from the park.

## **Alert Bears to Your Presence**

Make loud noises, shout, or sing. Hike in groups, stay on maintained trails, and use caution if vision is obstructed. Do not hike after dark. Avoid carcasses; bears often defend this source of food.

## If You Encounter a Bear

Do not run; bears can easily outrun you. Plus, running may cause an otherwise non-aggressive bear to attack. If the bear is unaware of you, keep out of sight and detour behind and downwind of the bear. If the bear is aware of you but has not acted aggressively, slowly back away.

Do not drop your pack! This teaches bears how to obtain human foods and often means the bear must be removed.

Climbing trees to avoid bears is not often practical. All black bears, all grizzly cubs, and some adult grizzlies can climb trees. Plus, running to a tree may provoke an otherwise uncertain bear to chase you.

## If a Bear Approaches or Charges You

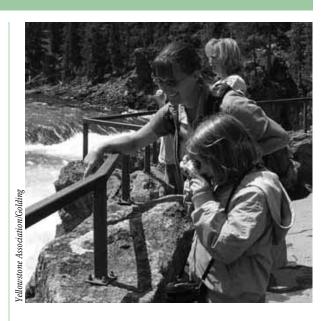
Do not run. Some bears will bluff their way out of a threatening situation by charging, then veering off or stopping abruptly. Bear experts generally recommend standing still until the bear stops and then slowly backing away. If you are attacked, try to lie on the ground completely flat on your stomach. Spread your legs and clasp your hands over the back of your neck. *Do not drop your pack!* It will protect your back.

For more safety tips, see page 2. For more backcountry travel details and regulations, stop by a backcountry ranger station or visit www.nps.gov/yell/planyourvisit/todo/backcountryhiking.htm.



## Leave No Trace is . . . .

a national education program promoting responsible outdoor recreation and stewardship of our public lands through outdoor skills and ethics. The National Park Service is a proud partner of Leave No Trace and urges you to learn more about how you can minimize recreation impacts and help protect Yellowstone's precious wildlands for future enjoyment. For more information visit a backcountry office in the park or go to the Leave No Trace website at www.LNT.org.



## Get an inside look with the

## Yellowstone Association Institute

Let us introduce you to Yellowstone, provide advice to make the most of your visit, and lead you into the wonders of the park.

Your private day will be approximately eight hours and include expert instruction, in-park transportation, and snacks.

#### **DAILY CHOICES**

Activity levels will be tailored to your group.

#### Wildlife Watching on the Northern Range

Start: 6 or 8 AM at Gardiner, Mammoth, Roosevelt, Lamar, or Cooke City Discover diverse and abundant wildlife. Learn how to search for wildlife and how to use binoculars and spotting scopes effectively.

### Natural History & Geology: Yellowstone Lake & Grand Canyon of the Yellowstone

Start: 8 AM at Gardiner, Mammoth, Canyon, Norris, or Lake Explore natural and geologic history. Search for wildlife in the Hayden Valley and learn about the Yellowstone volcano on easy geology strolls.

## Geysers, Mudpots, & Hot Springs: Old Faithful Area

Start: 8 AM at Gardiner, Mammoth, Norris, Madison, or Old Faithful

Take an in-depth look at how geologic features form and why they do the things they do. Learn about the wonders of the Yellowstone volcano.

## Day Hiking in Yellowstone

Start: 8 AM at Gardiner, Mammoth, Canyon, Old Faithful, Lake, Roosevelt, or Madison Explore Yellowstone's diverse landscape on carefully chosen hikes. Learn safe, low-impact backcountry travel in grizzly country.

## Rates:

1–5 people \$495, 6–14 people \$625 Rates effective through October 31, 2007.

Advanced reservations are required.

Call 307-344-2294

Monday-Friday 8 AM to 4:30 PM



INSPIRE. EDUCATE. PRESERVE. www.YellowstoneAssociation.org

Many myths exist about Old Faithful, the world's most famous geyser (shown at right). The lists below can help you sort the facts from myths.

#### Myths

- × No one can predict Old Faithful anymore.
- X It is so predictable, you can set your watch by its eruption.
- **X** It is the only predictable geyser.
- It is the most predictable geyser.
- X It erupts every hour on the hour.
- X Its eruption is not as high as it used to be.
- X Its eruption lasts less time than it used to.
- **X** Park rangers can control Old Faithful's eruption.

#### **Facts**

- Old Faithful's eruption length and height, and the time between eruptions varies daily and yearly.
- ✓ As of March 2007, an eruption lasts 1½ to 5 minutes; the average interval between eruptions is 92 minutes.
- ✓ Old Faithful's height ranges from 106 feet to more than 180 feet, averaging 130 feet.
- ✓ Its average eruption length, height, and interval will change again—often as a result of an earthquake.
- ✓ 3,700 to 8,400 gallons of water are expelled per eruption, depending on the length of eruption.
- ✓ Just prior to eruption, water temperature at the vent is 204°F (95.6°C).
- ✓ It's one of more than 300 geysers in Yellowstone.

Geysers are dynamic and constantly evolving. They respond to small, natural changes in their plumbing systems, water temperature, dissolved gas and mineral content of thermal water, amount of water, amount of heat, changes in pressure, and other factors. Geysers are also affected by natural events in Yellowstone such as frequent earthquakes.

The average interval between Old Faithful's eruptions increased after the 1959 Hebgen Lake Earthquake, centered 12 miles northwest of the park's west entrance. It increased again after the 1983 Borah Peak Earthquake, centered in Idaho. In 1998, another small earthquake lengthened the interval again; later, a swarm of earthquakes further increased the interval.

Occasionally, waiting for Old Faithful's eruptions can stretch beyond the predicted time. Think of it this way: you've got time now to meet other visitors, read about the park, or take a much-needed rest. So relax and enjoy the time you spend with the world's most famous geyser.

Old Faithful (right) is a cone geyser, erupting in a narrow column; Great Fountain Geyser (below left), in the Lower Geyser Basin, is a fountain geyser, erupting broadly and in several directions.



NPS



## **How Geysers Work**

Geysers are hot springs with narrow spaces in their plumbing, usually near the surface. These constrictions prevent water from circulating freely to the surface where heat would escape. The deepest circulating water can exceed the surface boiling point (199°F/93°C).

The surrounding pressure also increases with depth, much as it does with depth in the ocean. Increased pressure exerted by the enormous weight of the overlying rock and water prevents the water from vaporizing.

As the water rises, steam forms. Bubbling upward, steam expands as it nears the top of the water column until the bubbles are too large and

numerous to pass freely through the constrictions. At a critical point, the confined bubbles actually lift the water above, causing the geyser to splash or overflow. This decreases pressure on the system, and violent boiling results. Tremendous amounts of steam force water out of the vent, and the eruption begins.

Water is expelled faster than it can enter the geyser's plumbing system, and the heat and pressure gradually decrease. The eruption stops when the water reservoir is exhausted or when the gas bubbles diminish enough to be able to rise without ejecting the water.

## New Old Faithful Visitor Education Center Coming!

A new Old Faithful Visitor Education Center is planned, with construction expected to begin in Spring 2008. It will provide visitors with a central location for learning about Yellowstone's hydrothermal features, the unique microorganisms that live in them, and how people have been inspired by them.

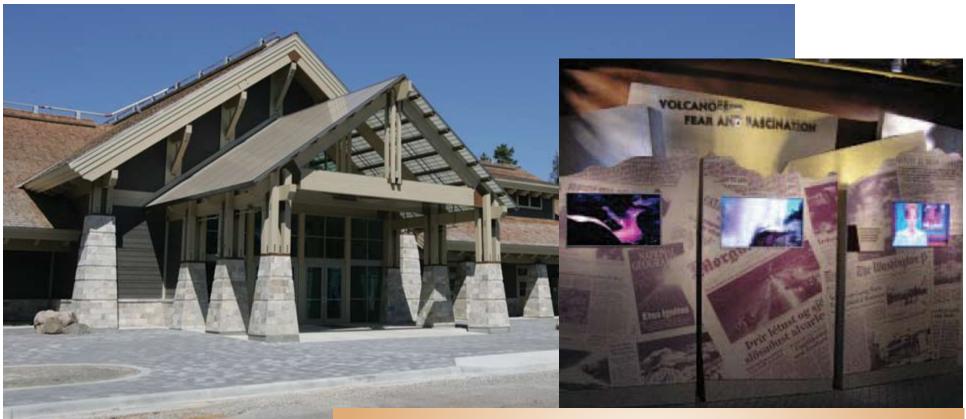


The new **Old Faithful Visitor Education**Center is being planned to meet "Silver LEED Certification"—one of the first visitor centers in the National Park System to do so. (See page 5.)

Its "green" features will include:

- Recycled materials and salvaged wood
- "Snow zones"—a natural soil moisture recharge system surrounding the building
- Locally and regionally manufactured materials
- ♦ A ventilation system in the foundation that acts as a thermal buffer to protect the sensitive geothermal area
- ♦ A multi-zone heating and cooling system that allows for a reduced heated space in winter
- Renewable resource cork flooring
- Composite wall coverings and roof shingles made from recycled materials
- Low-flow restroom plumbing
- Use of earth-friendly cleaning supplies

## See the new exhibits, beginning May 26





A huge lava lamp helps you visualize how magma rises and falls within Earth's crust.

## Your entrance fee dollars

have helped rehabilitate and upgrade the Canyon Visitor Education Center. Originally built in 1958, it had developed structural defects and was too small to serve the number of visitors who come to the Canyon area. The renovated building now:

- includes two floors of exhibits
- has a new roof to withstand heavy snows
- is built with structural steel to withstand earthquakes associated with the Yellowstone caldera
- has fully accessible public spaces

Inter the new Canyon Visitor Education Center and the world of Yellowstone's supervolcano—an idea that has captured the minds and imaginations of people around the world. For the first time, park visitors will see, hear, and learn how the Yellowstone volcano, its geysers and hot springs, and geologic history shape the distribution and abundance of all life found here.

Explore these ideas through interactive exhibits, animations, audiovisual productions, and real-time scientific data.

## The unique exhibits include:

- ♦ A room-size relief model of Yellowstone that illuminates and narrates the park's volcanic eruptions, lava flows, glaciers, and earthquake faults for visitors on the first floor; from the second floor view, visitors can learn how tribes associated with the park interpret the park's geology.
- ♦ A 9,000 pound rotating globe illustrating global volcanic hotspots (shown at right).
- One of the world's largest lava lamps illustrating how magma rises by heat convection (shown at left).
- Computer-generated exhibits displaying real-time earthquake and other geologic data exactly at the same time it is being collected in the park.
- Murals and enlarged photographs showing the enormity of Yellowstone's glaciers and their lasting effect on the landscape.
- Detailed panoramas, dioramas, and cross sections of life in a lodgepole forest and a grassland—habitats made possible by Yellowstone's fire and ice.



Revolving on a film of water, the Kugel globe illustrates Earth's movement while showing locations of volcanic hotspots.

All photos this page by NPS/Peaco & NPS/Royse

Your entrance fee helped pay for the renovation of the Canyon Visitor Education Center, as part of the Federal Lands Recreation Enhancement Act (FLREA). This act authorizes participating parks to keep 80% of the fees to fund maintenance, repair projects, public service programs, and natural and historical resource preservation. The remaining 20% of the fees generally goes to parks that don't collect fees but have similar needs and to fund other National Park Service projects.

## Why have fees?

Managing public lands requires a major financial investment, which comes mostly from general tax revenues. Recreational use fees ensure that actual users pay an increased share of the costs, and these fees are applied to projects at the area where they were collected.

## **About the Fee Program**

- Allows a significant portion of the fees collected at a public area to be spent directly on behalf of that area.
- Encourages each agency to develop fair and equitable fee collection programs, whether





- the public areas are large or small, urban or wilderness, natural or historical.
- Promotes the collection of fees where such fees can cover the cost of a new activity. In some cases, visitors will have to pay for activities that previously were free.

9

#### 10

## You Can Help Preserve and Protect Yellowstone

In our increasingly crowded and developed world, Yellowstone National Park provides a source of refuge and renewal for those who enter its quiet places. The park's magnificent wilderness areas offer a glimpse of what our continent was like when humans first gazed in wonder upon its steaming geysers, thundering waterfalls, and abundant wildlife. However, Yellowstone exists today only because generations who came before us understood its value and made its preservation a priority.

Because so many visitors who love Yellowstone want to help ensure that it stands wild and unimpaired for our future, two separate organizations have been established. The Yellowstone Park Foundation and the Yellowstone Association work in partnership with the National Park Service and each other to provide a means for visitors to contribute to Yellowstone's preservation. Please help us protect and preserve this national treasure. Your contribution to either organization will designate you as a true friend of Yellowstone; contributors of \$1,000 or more will have their names displayed on the park's Honor Wall at Old Faithful, receiving special recognition as stewards and benefactors of Yellowstone National Park. Yellowstone will exist tomorrow as one of America's most treasured places only if our generation understands its value and makes its preservation our priority.



Foundation works in cooperation with the National Park Service to fund projects and programs that protect, preserve, and enhance the natural and cultural resources and the visitor experience of Yellowstone National Park.

Funded projects include:

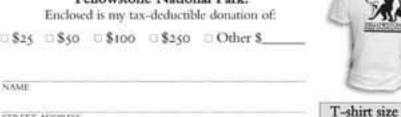
- wildlife conservation
- · trail reconstruction
- historic preservation
- · new educational exhibits

need your help! Please join us in protecting the wonders and wildlife of Yellowstone.

With a donation of \$25 or more, you will become a Friend of Yellowstone and receive our newsletters, annual report, a logo window decal, and other great benefits. When you return the coupon below with your donation, you will also receive an official Yellowstone Park Foundation t-shirt!

To become a Friend of Yellowstone, please complete and mail the coupon below. You can also donate online and learn more about the Yellowstone Park Foundation at www.ypf.org

## YES! I Want to be a Friend of Yellowstone National Park.



STREET ADDRESS CITY, STATE, ZIP

CREDIT CARD NUMBER

☐ Large ☐ X-Large TELEPHIONE E-MAIL □ Enclosed is my check. Please make check payable to the Yellowstone Park Foundation.

□ Please charge my credit card (choose one):

☐ MasterCard ☐ Visa ☐ Discover ☐ AmEx ☐ Diners Club

EXPLINITE

☐ Medium

1 want to help, but do not want to receive a t-shirt or other thank-you gift.

Mail donations to: The Yellowstone Park Foundation 222 East Main St., Suite 301, Bozeman, MT 59715 • 406.586.6303 SAVE 15% at our Park Stores and get a FREE GIFT when you OR, IN THIS CASE, "AN OBSTINACY" (See, you learned something new already) Discover Yellowstone ~ Become a Member Photo: Garol Polich Preserving Yellowstone Through Education www.YellowstoneAssociation.org





In 2006, close to 3,900 bison lived in the park.

## **Visitor Winter Use**

During the winters of 2003–2007, Yellowstone and Grand Teton national parks implemented a managed winter use program for the first time since motorized oversnow use began in the parks in the late 1940s. Winter visitors accessed the parks via the cleanest and quietest snowmobiles commercially available, they used commercial guides, and snowmobile numbers were limited. This is in sharp contrast to the largely unmanaged program that existed before. Past types and levels of snowmobile use created unacceptable air pollution, noise, wildlife harassment, and visitor experience concerns.

A new winter planning process is underway, and NPS hopes to release a draft EIS this spring. For more information, go to www.nps.gov/yell/planyourvisit/winteruse/htm.

## **Managing Bison**

Yellowstone's bison are wild and sometimes leave the park. A group of cooperating agencies have agreed to intensively manage bison that leave the park because some bison carry the disease brucellosis. These agencies are committed to reducing the possibility of bison transmitting the disease to domestic livestock.

The bison management plan was implemented to conserve the Yellowstone bison population and minimize or avoid the risk of Yellowstone bison mixing with livestock on private and public lands surrounding the park. This plan is founded on the principle of adaptive management, which allows refinement of the existing plan as managers and scientists learn more about how bison use winter ranges in Montana, and about the risk of brucellosis transmission between bison and cattle.

#### When Bison Leave the Park

In response to winter weather conditions, bison usually migrate to winter range along and outside the park's north and west boundaries. According to the plan, bison migrating from the park may be hazed to acceptable habitats—usually back inside the park. When hazing is no longer successful, the bison can be captured. Captured calves can be sent to quarantine (see below).

The federal Record of Decision is available at www.planning.nps.gov/document/yellbisonrod.pdf

## **Other Recent Developments**

#### Vaccination

The bison management plan includes a bison vaccination program. State and federal agencies have developed such programs to be used at boundary capture facilities. The National Park Service is undergoing an environmental study to evaluate vaccinating bison throughout the park using remote delivery methods that do not require handling individual bison.

#### Bison hunt

The state of Montana authorizes a bison hunt on public lands outside Yellowstone National Park during the late fall and winter. Through the hunt, the state manages the number of bison on low elevation winter ranges within the state.

In addition, the Nez Perce are exercising their treaty rights to hunt bison and other animals outside Yellowstone National Park.

#### Quarantine

A bison quarantine feasibility study is being conducted outside the north boundary of Yellowstone National Park. A protocol is being tested to certify disease-free bison. If a successful protocol is developed, quarantine could provide a way for Yellowstone bison to be a part of bison conservation in other places.

## Status review

In September 2005, the partner agencies in the bison management plan completed a five-year review of management actions. The report noted success in keeping bison and cattle apart, which has protected both Yellowstone's bison population and Montana's brucellosis-free status. The agencies will continue to monitor bison abundance, distribution and movements, and brucellosis prevalence in the population. In addition, they will continue to advance the management program toward greater tolerance for bison on low elevation winter range outside Yellowstone.

The status review is available at www.nps.gov/yell/naturescience/bison.htm



Wolves were restored to Yellowstone in 1995, and they have flourished. But only one-third of the pups born in 2005 survived. Most probably died of either parvovirus or distemper. Scientists will monitor the wolf population closely to evaluate the effects of disease, and anticipate occasional outbreaks.

Meanwhile, wolves remain exciting animals to look for and observe—and spring is one of the best seasons to look for them as they travel through the park hunting to feed themselves and their pups.

## Food for the Masses

- In winter, wolves eat primarily elk.
- In summer, wolves add mule deer and smaller animals to their diet.
- Wolves sometimes kill bison.
- Scientists know of only one bighorn sheep killed by wolves in ten years.
- A wolf's stomach can hold about 20 pounds of meat. So when a pack kills a 500-pound female elk, they can easily fill their bellies and leave a lot of meat for scavengers.
- Ravens arrive at a kill in less than two minutes; often more than two dozen will wait around until the wolves are done.
- Other scavengers include magpies, bald and golden eagles, and coyotes.
- Grizzly bears can take over wolf kills, chasing off the wolves before they finish eating.

Enjoy watching wolves, but stay safe and be aware of how your actions can affect the animals. See page 2 for more information about watching wildlife in Yellowstone.

## Who Manages the Wolves?

The wolves of the Greater Yellowstone Ecosystem are still listed as federally endangered species, designated an experimental and non-essential population. The wolves in Yellowstone National Park are managed by the National Park Service. In Montana and Idaho, outside park boundaries, the states manage the wolves according to management plans approved by the U.S. Fish and Wildlife Service (USFWS). The state of Wyoming does not have an approved management plan, so the wolves in that state are managed by the USFWS. Delisting of the wolf from the endangered species list will be considered after all three states have approved management plans.

## For More Information

www.nps.gov/yell

Books and other publications are available through the Yellowstone Association at its educational bookstores in visitor centers, online at www. YellowstoneAssociation.org, or by calling toll-free 877-967-0090.

#### YELLOWSTONE NATIONAL PARK

# Medical Services Guide 2007 Spring / Summer Season





#### MEDICAL SERVICES AT YELLOWSTONE

Dial "911" or contact any National Park Service ranger within the park boundaries. Specially trained rangers provide rescue, emergency medical care, and ambulance service.

#### Medical Clinics

Medcor operates three urgent-care clinics within the park. The clinic at Mammoth is open year round, staffed by a board-certified physician and a team of experienced RN's. The clinics at Lake and Old Faithful are open seasonally (see below for schedules).

All of these clinics are open to the public and are staffed and equipped for most medical emergencies as well as for routine care. Services include injury and illness treatment, x-rays, and some lab and pharmacy services.

If in-patient care or advanced services are required, the clinic staff can stabilize patients and arrange for appropriate transfer to a hospital outside the park



CLINIC	DATES	DAYS	HOURS	
Mammoth Open Year Round	January 1 – May 31	Monday – Friday Closed 5/28	8:30 am - 5:00 pm; closed Fridays at 1 pm	
(307) 344-7965	June 1 – September 7	7 days a week Closed 9/3	8:30 am - 5:00 pm	
	September 7 – December 31	Monday - Friday Closed 11/22, 11/23 & 12/25	8:30 am - 5:00 pm; closed Frideys at 1 pm	
Lake Open Seasonally (307) 242-7241	May 25 – September 25	7 days a week	8:30 am 8:30 pm; On-call after hours through 9	
Old Faithful Open Seasonally (307) 545-7325	May 17 – September 14	7 days a week	7:00 am - 7:00 pm; On-call after hours through 911	
	September 15 - October 6	Thursday - Monday Closed Tue, and Wed.	8:30 am - 5:00 pm	

#### Yellowstone Medical Providers National Park Service Rangers

Professionals trained in fire, rescue, emergency medicine, law enforcement, and wilderness

Medical staff, systems, software and services, providing clinical interventions on-site and on-line across the country. www.medcor.com

## Eastern Idaho Regional Medical Center

Air ambulance, emergency medical direction, training, and trauma/specialty care from one of America's top 100 hospitals. www.eirmc.com

## Stay Safe & Healthy at Yellowstone

Yellowstone is a large wilderness area with many natural hazards, including wild animals, scalding hydro-thermal features, freezing temperatures, blinding snow, thin ice, deep and running water, and high altitude. Please follow all national park regulations and common-sense precautions to stay safe and healthy while enjoying your visit to Yellowstone.

## IMPORTANT PHONE NUMBERS

## **EMERGENCY: 911**

Lodging, dining, camping, activities: 307-344-7311 or TDD 307-344-5395

> **Park Information:** 307-344-7381

## **Park Tip Line** 307-344-2132

Call the tip line to report a crime or criminal activity. Leave as much detail as you can—who, what, where, when. Leave your name and number, or you can remain anonymous.

## **Yellowstone General Stores**



Yellowstone General Stores (YGS) is a division of Delaware North Companies Parks and Resorts, a leading hospitality company managing concession operations in Yosemite National Park, Grand Canyon National Park, Sequoia National Park, and numerous other unique locations in North America. Yellowstone General Stores operates 12 general merchandise stores located throughout Yellowstone National Park.

YGS makes every attempt to cater to all of your needs while in Yellowstone National Park. Many YGS stores offer a book section that carries volumes about geothermal features, geology, Old Faithful, and the park itself, as well as themed postcards, posters, and other items that let you take away more than a memory. Personal memories can be preserved at photo centers, which offer film processing, digital card downloads, and photographic supplies for documenting your trip on film.

YGS' apparel departments provide numerous items bearing designs relating to the themes of the park. Guests can find articles to wear now or give later. Collectors will want to explore the wide spectrum of collectibles and novelties in our souvenir

Campers can find everything needed for the evening's cookout to a snack for the road. YGS fountains provide a variety of foods to satisfy any wilderness hunger. Fishermen will find what fly is hot this week, or a great backpack for their next outing.

Visitors can enjoy a nice respite from travels. Settle down in sitting areas and relax with a nice cup of coffee and read about Yellowstone National Park. Visitors will find our staff to be very helpful in assisting with scenic stops or the latest wildlife sightings.

Yellowstone Adventures, previously known as Canyon Nature, is located in Canyon Village. Yellowstone Adventures offers all the latest in outdoor gear and apparel. Find the top brand gear to keep comfortable in Yellowstone's constantly changing weather.

Yellowstone General Stores is grateful for the opportunity to operate within the wonders of Yellowstone National Park, and feels an obligation to safeguard the beauty for future generations. Help us in walking the "GreenPath." Ask how when you visit any of Yellowstone General Stores locations and visit www.delawarenorthgreenpath.com.



## 2006 Recycling by Yellowstone General Stores

Cardboard 396,000 pounds 13,200 pounds Glass Plastic #1 & 2 11,700 pounds Aluminum 3,220 pounds

## Use the card that protects the wonders and wildlife of Yellowstone!



U.S. Bank contributes a percentage of every purchase to the Yellowstone Park Foundation to help fund projects that protect the wonders and wildlife of Yellowstone National Park.

Go to www.ypf.org or call 1-800-853-5576 (ext. 8301) to sign up for your Yellowstone Park Foundation Visa® Platinum Card today!

card photos by Tom Murphy

*13* 

Make time for a visit to our neighbor to the south, Grand Teton National Park. This park offers spectacular scenery and its own campgrounds, exhibits, and activities. More information is in the park newspaper, Teewinot, or at www.nps.gov/grte. Newspapers are available at Grand Teton visitor centers and entrance stations.

## All dates and hours are approximate.

#### Campgrounds-

First come, first served; camping fee is \$17 per night. For current status of campgrounds, ask at entrance stations or visitor centers in Grand Teton National Park. Approximate filling times and operating dates are:

Colter Bay (350 sites) Rarely fills 5/25-9/23 Gros Ventre (360 sites) Evening or may not fill 5/4-9/30 Jenny Lake (49 sites) 5/11-9/30 11 am Rarely fills 6/8-9/3 Lizard Creek (60 sites) Signal Mountain (86 sites) Mid-afternoon 5/11-10/13

Jenny Lake is open to tents only. Other campgrounds accommodate tents, trailers, and recreational vehicles (30-foot restriction at Signal Mt.). All campgrounds have modern comfort stations, but none have utility hookups. The maximum length of stay is 7 days at Jenny Lake, 14 days at other campgrounds, 30 days total per year.

**Lodging**—Make your reservations directly, using these phone numbers:

Colter Bay Cabins & RV Park (May 25-Sept. 30) 800-628-9988

Dornan's Spur Ranch Cabins (all year) 307-733-2522 Flagg Ranch Resort (May 14-Oct. 7)

307-543-2861 or 800-443-2311

Jackson Lake Lodge (May 17-Sept. 30) 800-628-9988 Jenny Lake Lodge (June 1-Oct. 7) 307-733-4647 Signal Mt. Lodge (May 11-Oct. 13) 800-672-6012 Lodging can also be found in communities surrounding

## Information—

Grand Teton.

Colter Bay Visitor Center & Indian Arts Museum— Mid-May to early October. Information, audiovisual programs, permits, and publication sales. Phone: 307-739-3594.

Flagg Ranch Information Station—Early June to early September. Phone: 307-543-2372.

Jenny Lake Ranger Station (climbing information)— Mid-May to mid-September. Phone: 307-739-3343.

Jenny Lake Visitor Center—Mid-May to late September. Information, publication sales. Phone: 307-739-3392.

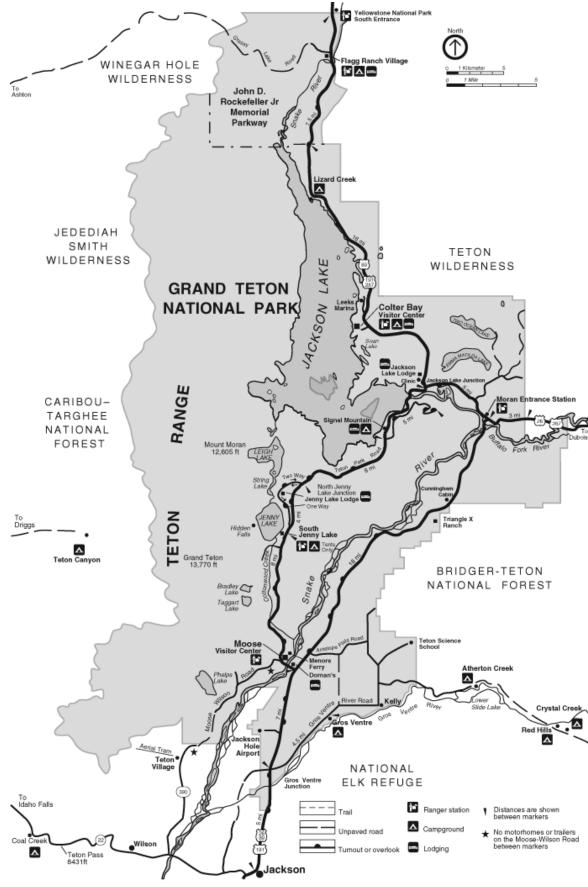
Moose Visitor Center—Open year-round. Information, audiovisual programs, exhibits, permits, publication sales. Phone: 307-739-3399.

Telecommunications device for the deaf only (TDD): 307-739-3400.

Medical Clinic—Grand Teton Clinic, located near Jackson Lake Lodge. Daily, late May to early October. Call 307-543-2514 or after hours 307-733-8002.

## Emergency: dial 911.

Hiking, sightseeing, boating, floating the Snake River, horseback riding, and fishing are available depending on seasonal conditions. Backcountry camping requires a free permit from the Moose or Colter Bay visitor centers or the Jenny Lake Ranger Station. Boating requires a Grand Teton boating permit, sold at visitor centers. A Wyoming fishing license is required to fish in Grand Teton National Park.



For more information about Grand Teton National Park: call 307-739-3300 or visit the website, www.nps.gov/grte

## **Area Communities**

Services are available in communities near Yellowstone. For information, contact these Chambers of Commerce:

Montana		Wyoming	
Big Sky	406-995-3000	Cody	800-393-2639
Billings	800-735-2635	Dubois	307-455-2556
Bozeman	800-228-4224	East Yellowstone/Wapiti	2
Cooke City-Silver Gate	406-838-2495		307-587-9595
Gardiner	406-848-7971	Jackson	307-733-3316
Livingston	406-222-0850	Idaho	
Red Lodge	888-281-0625	Idaho Falls	866-365-6943
West Yellowstone	406-646-7701	Eastern Idaho Visitor Int	formation Center
			800-634-3246

## **Nearby Public Lands**

Big Hole National Battlefield 406-689-3155 Bighorn Canyon National Recreation Area 406-666-2412

307-739-5500 Bridger-Teton National Forest

Caribou-Targhee National Forest

208-624-3151

Gallatin National Forest 406-587-6701 Glacier National Park 406-888-7800 Grant-Kohrs Ranch National Historic Site

406-846-3388

Little Bighorn Battlefield National Monument 406-638-2621

Shoshone National Forest 307-527-6241 Virginia City National Historic Landmark 406-843-5247

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## SUMMER ADVENTURE

The Total Yellowstone Package s nights lodging and meals included Available July 1-August 15 \$1229\*

Fun on the Fly: Learn to Fly Fish 4 nights ledging, breakfism and lunches, one dinner and

#### SUMMER LODGING & LEARNING PACKAGES

Naturalist-guided daily adventures 4 nights lodging with breakfasts and lunches included. Roosevelt Randezvous includes all meals.

Springtime in Wonderland Available May 24-June 12 \$619° per person

Trails Through Yellowstone rulable May 18-September 24

Yellowstone for Families Available June 15-August 17 Mammoth 5609' per adult/ \$379° per child Grant \$649° per allult/

Roosevelt Rendezvous Available September 7 September 19 8629° per person

Spring Wolf & Bear Discovery Available May 12-June 11

#### Old Times on the Grand Your

Naturalist guided, 6 nights lodging with breakfasts and lunches included. Available May 15 & 11, September 25 & October 2

## XANTERRA'S LONG TERM COMMITMENT TO SUSTAINABILITY

As an environmental leader in the hospitality industry, we serve as a role model for others. We take this role seriously. The days of recycling being "the single measure" of environmental responsibility are long gone. Today Xanterra, through our environmental management system called *Ecologix*, is incorporating sustainable practices in all aspects of our operations, from food to fuel, and from emissions reduction to renewable energy.

#### Our Sustainability Report is our environmental report card!

Our Sustainability Report details the environmental impacts related to our operations throughout the U.S. To do this we use our *Ecometrix*, data that specifically measure our energy and resource consumption, emissions, waste management, recycling, pollution prevention and overall sustainability efforts. To validate our findings, we enlisted a third-party environmental auditing firm; their assessment confirms the accuracy of our data.

#### Our Environmental Vision Goals chart our course!

Because we have accurate metrics in place, we have established our 2015 Environmental Vision Goals. These include:

- decrease fossil fuel usage by 30% based on year 2000 usage
- increase usage of renewable energy to provide 7% of total electricity
- decrease greenhouse gas emissions by 30% based on year 2000
- divert from landfill 50% of all solid waste generated
- increase purchase of sustainable food items to 50% of all companywide food expenditures
- achieve companywide average fuel economy standard of 35 mpg for all passenger vehicles (under 10 persons) purchased annually
- generate zero hazardous waste
- decrease water usage by 25% based on year 2003

For more information on Xanterra's commitment to sustainability and social performance, we invite you to review our Sustainability Report, located in guest rooms and lodging front desks. The information is also available at www.Xanterra.com.



## **Accessibility** in Yellowstone National Park

Yellowstone National Park is improving accessibility for all visitors. Most vault toilets in the picnic areas and campgrounds are accessible. Some self-guiding boardwalk trails, picnic tables, campground sites, fishing areas, and backcountry campsites are also

For more details, ask for the Visitor's Guide to Wheelchair Accessible Features in Yellowstone National Park, available free at all entrance stations, visitor centers, and on the park's website.

For more information:

Park Accessibility Coordinator P.O. Box 168 Yellowstone National Park, WY 82190 307-344-2017

TDD only (Telecommunications Device for the Deaf): 307-344-2386

www.nps.gov/yell



Sign language interpreters can be arranged for Yellowstone National Park interpretive programs. Please call three weeks in advance: 307-344-2251



Yellowstone Park Service Stations, Inc. has been serving Yellowstone visitors since 1947. We operate seven service stations with limited retail items and four repair/towing facilities. See page 15 for dates and locations of operation.

Snacks • Drinks • Ice • Auto Repair/Parks • Tires • Towing/Recovery

LP Gas is available at Fishing Bridge and Grant Village. Towing and repair services are available at Old Faithful, Grant Village, Fishing Bridge, and Canyon.

Present this ad at one of our auto repair facilities for \$5 off one oil change or tire repair. No appointment necessary!

## **YPSS Celebrates Yellowstone Explorers** of Yesteryear and Today

the Yellowstone area in 1865 was Father Francis Xavier Kuppens, a Belgian priest of the Jesuit Order, who offered this recollection 32 years later:

About the years 1865-66 I was stationed at the old Mission of St. Peter's on the Missouri River near the mouth of Sun River. A great part of that winter and spring I spent with the Pigeon [Piegan] Indians roaming from place to place south . . . It was while leading this nomad life that I first heard of the Yellowstone. Many an evening in the tent of Baptiste Champagne or Chief Big Lake the conversation, what little there was of it, turned on the beauties of that wonderful spot. I do not know that the narrator always adhered strictly to facts, but making allowance for fervid imagination there was

One of the most interesting visitors to sufficient in the tale to excite my curiosity and awaken in me a strong desire to see for myself this enchanted if not enchanting land. In the spring with a small party of Indians hunting buffalo, I persuaded a few young men to show me the wonderland of which they had talked so much. Thus I got my first sight of the Yellowstone. I shall not attempt to describe it, that has been done by many abler pens than mine; but you may be sure that before leaving I saw the chief attraction-the Grand Cañon, hot and cold geysers, variegated layers of rock, the Fire Hole, etc. I was very much impressed with the wild grandeur of the scenery.

May your wanderings in and reflections of Yellowstone bring you the simple peace and lasting memories experienced and recorded by Father Kuppens.

		Bridge Bay	Canyon Village	Fishing Bridge	Grant Village	Lake Village	Mammoth Hot Springs	Old Faithful	Tower/ Roosevelt
$\oplus$	Medical clinic					May 25–Sept. 25 See page 12.	Year-round See page 12.	May 17–Oct. 6 See page 12.	
	Service station snacks, drinks, ice ** Credit card service at pump		**Gas: May 4-Oct. 14 Repairs: May 25-Sept. 3 Wrecker: May 18-Oct. 14	**Gas: May 18-Sept. 16 Repairs: May 25-Sept. 3 Wrecker: May 25-Sept. 3 LP Gas available	Gas: May 25-Sept. 23 Repairs: May 25-Sept. 3 Wrecker: May 25-Sept. 3 LP Gas available		May 11-Oct. 8	**Lower: May 4-Oct. 14  **Upper: May 22-Sept. 3  Wrecker: May 18-Oct. 14  Repairs: May 25-Sept. 3	June 8-Sept. 3
.lc	General Store: grocery, restaurant, ice cream, souve- nirs, camping & fishing gear		May 20-Oct. 9 (also has ATM, espresso, jewelry)	May 11-Oct. 7 (also has ATM, photo processing, jewelry)	May 25–Sept. 23 (also has ATM, jewelry)	May 19-Sept. 30	Year-round (no restaurant)	Lower: June 15-Oct. 7 Upper: May 4-Oct. 21 (also photo processing)	Tower May 18-Sept. 29 (no restaurant)
	Outdoor recreation goods, snacks, souvenirs, fast food	June 1-Sept. 9	Yellowstone Adventures Apr. 20-Oct. 21						
.lc	Mini Store: groceries, souvenirs, some camping & fishing gear			RV Park May 18-Sept. 30	May 14–Oct. 6				Roosevelt June 8–Sept. 2
.lo	Gift shop (in lodging facilities)		Canyon Lodge June 1–Sept. 16		Grant Village May 25–Sept. 30	Lake Hotel May 18-Oct. 7 Lake Lodge June 10-Sept. 23	Mammoth Hot Springs Hotel May 4-Oct. 8	Old Faithful Inn May 11-Oct. 14 Old Faithful Snow Lodge April 20-Nov. 4 Old Faithful Lodge May 18-Oct. 4	Roosevelt Lodge June 8–Sept. 3
	Hotel		Canyon Lodge June 1–Sept. 16		Grant Village May 25–Sept. 30	Lake Hotel May 18–Oct. 7	Mammoth Hot Springs Hotel May 4-Oct. 8	Old Faithful Inn May 11–Oct. 14 Old Faithful Snow Lodge May 4–Oct. 21	
	Cabins		Canyon Lodge June 1–Sept. 16			Lake Lodge June 10–Sept. 23 Lake Hotel May 18–Oct. 7	Mammoth Hot Springs Hotel May 4-Oct. 8	Old Faithful Lodge May 18-Sept. 15 Old Faithful Snow Lodge May 4-Oct. 21	Roosevelt Lodge June 8–Sept. 3
	Restaurant (see also General Store)		Canyon Lodge June 1–Sept. 16		Grant Village May 25-Sept. 30 Lake House at Grant May 25-Sept. 23	Lake Hotel May 18–Oct. 7	Mammoth Hot Springs Hotel May 4–Oct. 8	Old Faithful Inn May 11-Oct. 14 Old Faithful Snow Lodge May 4-Oct. 21	Roosevelt Lodge June 8–Sept. 3
	Cafeteria		Canyon Lodge June 1–Sept. 2			Lake Lodge June 10-Sept. 23		Old Faithful Lodge May 18–Sept. 15	
	Snacks, light meals, fast food (see also stores)		Picnic Shop June 1–Sept. 16			Lake Hotel Deli May 18–Oct. 7	Terrace Grill May 4-Oct. 14	Old Faithful Inn, Bear Paw Snack Shop May 11-Oct. 14 Old Faithful Snow Lodge, Geyser Grill April 20-Nov. 4 Old Faithful Lodge Bake Shop May 18-Sept. 30	
Δ	Campground Not all listed here; details on p. 6	May 25-Sept. 16	June 8-Sept. 9 (showers & laundry)	RV Park (hard-sided units; showers & laundry) 5/18–9/30	June 21–Sept. 23 (showers & laundry)		All year	Nearest: Madison May 4–Oct. 28	Tower May 18–Sept. 24
<b>a</b>	Showers		At campground	At RV park	At campground		Mammoth Hot Springs Hotel May 4-Oct. 8	Old Faithful Lodge May 18–Sept. 30	Roosevelt Lodge June 8-Sept. 3
Ţ	Marina & boat tours	Dock rental May 25–Sept. 16 Tours June 1–Sept. 9							
MAY	Trail rides		June 17-Sept. 1				May 11-Sept. 16		June 8-Sept. 2 Trail & Stagecoach
	Recycling available	At marina	At campground	At general store	At campground		At campground		Near service station

**ATM** 24-hour cash available at Yellowstone General Stores at Canyon, Fishing Bridge, Grant, Mammoth, and Old Faithful Basin Upper; and at Canyon Lodge, Lake Yellowstone Hotel, Mammoth Hot Springs Hotel, Old Faithful Inn, and Old Faithful Snow Lodge. CIRRUS and PLUS network.

**Backcountry Tours** Write to Yellowstone National Park, WY 82190 or call the National Park Service, 307-344-7381, or visit www.nps.gov/yell for a list of certified outfitters.

**Diesel Fuel** Available at all service stations except at Old Faithful Upper and Tower.

**Guided Tours** The Yellowstone Association Institute and Xanterra Parks & Resorts offer guided tours throughout the park. See pages 7 & 14. For other certified guides and outfitters, call the National Park Service, 307-344-7381, or visit www.nps. gov/yell

**Reservations** For lodging, dining, camping, and activity reservations, call Xanterra Parks & Resorts®, 307-344-7311, TDD 307-344-5395, or toll-free 866-439-7375. You can also make reservations at any lodging front desk or activities desk.

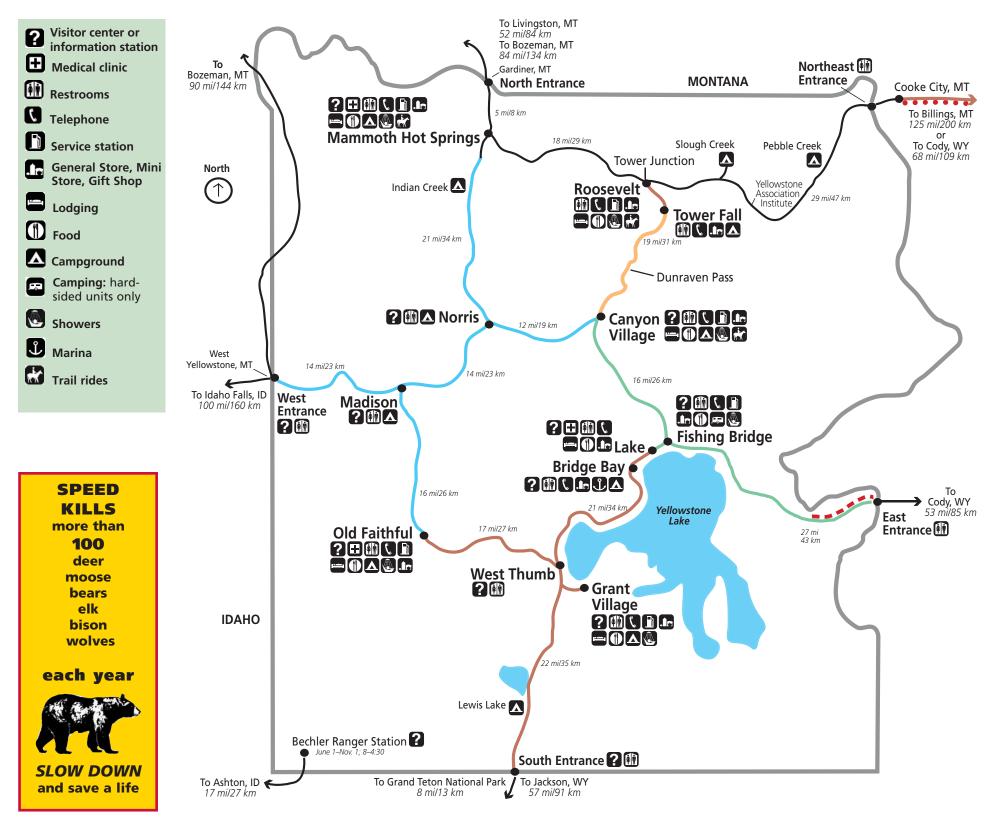
\*Dinner reservations required at Grant Village Restaurant, Lake Yellowstone Hotel Dining Room, Old Faithful Inn Dining Room. **Worship Services** Worship services take place in the park and in communities adjacent to the park, and include most major denominations and interdenominational services during the summer months. Schedules available on bulletin boards at campgrounds and visitor centers.



What You Can Recycle in Yellowstone: glass, cans, paper, cardboard, plastic bottles with narrow necks, office paper, magazines, small propane canisters (used with camp stoves and lanterns). See last line of chart above for most locations.

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# YELLOWSTONE



The services listed above begin opening in mid-April. Check page 15 for details.



www.nps.gov/yell • www.YellowstoneAssociation.org • www.TravelYellowstone.com

This map is courtesy of ConocoPhillips—providing petroleum products since 1917 . . .

ConocoPhillips

All service stations in Yellowstone offer environmentally sensitive fuels, specially formulated by ConocoPhillips to reduce hydrocarbon emissions and decrease other pollution-related problems.